

# SOUTH PRODUCTION NOTES

August 4, 2014  
Afternoon Shift

BASF EMPLOYEES  
36 Last Recordable  
399 Last Lost Time

**Building 9 is regulated, Building 31: 2<sup>nd</sup> floor is regulated**

**Building 16 (Alumina Gel) is regulated**

**Get All Required Samples and Surface Areas**

## **#1 MED / AI-5645:**

**Continue to run batches.**

Midnight shift: Continued.

Day shift: Continued to run. Had a brief issue with the extruder stopping.

Afternoon shift:

## **#1 RC / AI-5645:**

**Continue to feed.** Still high NOx product, so be aware of and routinely monitor suction and Trimer status.

Midnight shift: Feed shut off and bringing temperature up-150 degrees below target and SA was high. First 3 bags are under-fired.

Day shift: Restarted calciner. Feeding the refire bags.

Afternoon shift:

**Exhaust to Trimer**

## **#2 MED line/ Cu-0860:**

**All experimental batches have been completed per instructions from John Bodmann. The Med line is on hold until we receive further instructions from engineer.** Once we start back up we need to continue to check every batch before dropping per J. Bodmann. DC #2 work (blow downs) completed.

Midnight shift: No activity.

Day Shift: Waiting for instructions. Will run on second shift and possibly midnight shift.

Afternoon Shift:

### **#2 RC/ Cu-0860:**

We must continue to collect samples every hour along with normal bag samples.

Hold onto and do not feed bags roped off until advised.

Midnight Shift: No activity.

Day shift: Still on hold.

Afternoon shift:

**Exhaust to F1**

### **#3 MED / D-0702:**

**Steaming the mixer and then scraping it down so the middle plow can be adjusted.** We need to make sure that the mixer is empty at the end of every batch please. Mixer will be deemed empty when amps reach 68.

Midnight Shift: Continued.

Day shift: Had issues with the spreader belt. Also, the mixer plow in the middle needs to be adjusted by maintenance. The mixer is empty and being steamed.

Will need to be scraped down before maintenance can look at it.

Afternoon Shift:

### **#3 RC / D-0702:**

After verification with engineer, we should not run directly from the dryer to calciner with the exception of when we are changing bags.

Midnight shift: Continued.

Day shift: Continued to feed.

Afternoon Shift:

**Exhaust to CTO-is in Automatic**

### **#5 RC / Cu-3818 through Sunday:**

**Continue running** this calciner through midnight shift Monday. Watch that we do not use the bags of World Metals Copper - Must be Fibro Tech. Keep an eye on the vacumax system.

Midnight Shift: Continued-Trying to unplug 5A DC. We took 18 bags to the Pole Barn – Running out of room in B-16.

Day shift: Continued to run.

Afternoon shift: No

**Exhaust to 5A DC**

### **New Pfaudler / Cr-5655 SNAP:**

**Continue until we get enough Al 5645 off of #1 RC in pass. There is only enough AL 5655 left for a few more batches.** Watch the level on the chromic acid tank.

We should not have to shut down the pfaudler to make a tank. It can be made on the same shift that we run the pfaudler. Should make 2 Batches per Shift.

Midnight shift: Continued.

Day shift: Continued on. We have enough base for 4 more batches. Will need to add totes to the chrome tank before too long. Tank is at 31%.

Afternoon Shift:

### **National Dryer / Cr 5655:**

**Continue feeding** as material is available. **Target = 700 lbs. per hour.**

Midnight Shift: Continued to feed.

Day shift:

Afternoon Shift:

### **#4 RC / Cr 5655:**

**Continue to run** and watch that the bags being used do not cone up at the end.

Midnight Shift: Continued.

Day shift: Continue to run.

Afternoon Shift:

**Exhaust to 4A DC**

### **Old Pfaudler / Clean for CEHW-1130A:**

**Continue with the clean up plans.** A work order has been written to look at the drainage valve(drain very slowly, even when being hosed out directly..Mv.8/3/14).

Midnight Shift: No activity.

Day Shift: No change, but there is a small amount of liquid in the weigh tank.

Afternoon Shift:

### **#6 RC / Clean for CEHW-1130A:**

**Schirmer is soda blasting today.** We need to make sure we do a really good clean up including the slide gate at the discharge end.

Midnight shift: Continued with clean-up instructions.

Day Shift: Schirmer is soda blasting.

Afternoon shift:

**Exhaust to Sly Scrubber**



### **Tower 3 / Cu 0860:**

**Continue On.**

**Midnight Shift:** Unloaded and reloaded with last of Cu-0860. Having trouble lighting jacket.

**Day shift:**

**Afternoon shift:**

### **Tower 6 /Cu-0860:**

**On hold for line space and sheave change.** Work notification written to have the sheaves replaced after the following load of Cu-0860 (Batch #284).

**Midnight Shift:** Continued. Will be ready to drop tonight but will not have the line space.

**Day shift:** On hold for line space. Sheaves can be changed. Steve has been notified.

**Afternoon shift:**

### **North Screener / Cu 0860:**

**Continue On.**

**Midnight shift:** Continued.

**Day shift:** Continued.

**Afternoon Shift:**

### **South Screener / Cu 0860:**

**Continue On.**

**Midnight shift:** Continued.

**Day shift:** Continued.

**Afternoon Shift:**

### **#2662 (west) Pill Machine / Zr-0403 1/8:**

**Down and waiting for dies.**

**Midnight shift:** Down – Justin is working on getting the dies sent out to Elizabeth Tool and Die.

**Day Shift:** Waiting on dies.

**Afternoon shift:**

### **#2664 (east) Pill Machine / Zr-0403 1/8:**

**Continue running.** DC back together, pill machine in place. West machine was tested and looked / sounded good. Bag #6 was handpicked and was completed.

**Midnight shift:** Continued.

**Day Shift:** Continued.

**Afternoon shift:**

### **TK #2 / V 2046 is next:**

Saggers changed over and kiln is at about 700 degrees. We need to clean the inside (center area) of the Tunnel Kiln, replace the filter (see Taylor). Seal up the haz waste drum and put away.

Midnight shift: No activity.

Day Shift: No change.

Afternoon shift:

### **PK Blender / Pill Mix:**

**On hold until we get more sterotex.**

Midnight Shift: No activity.

Day shift: No change.

Afternoon shift: No activity.

### **Abbe Blender:**

**HOLD. Waiting on next run.**

Midnight shift: Hold

Day shift: Hold

Afternoon Shift: Hold

### **Building 27 Belt Filter / V-2010 Trial:**

On hold.

Midnight shift: No activity.

Day shift: No change.

Afternoon Shift:

### **Miscellaneous:**

1. Work notification has been written to repair the handles on the doors of all of the mixers. Most of the doors have broken eyelets. We cannot hook the chains and then can't hold the doors up while inspecting the mixes.
2. Versal B is in the Rail shed and on the truck dock #3.
3. Versal 250 is in shipping.
4. Zeolite CBV 712 and Versal 300 are in the rail shed.
5. D-0702 can be loaded onto the trailer in Dock #2.
6. North end Cu-3818 is in the rail shed.
7. Copper Carb ( Fibro Tech ) is in B-7 for #5 RC.

### **CU-0860 Game plan for tonight:**

**I changed the recipe back to where it was before shutdown. So have the operators make 5 batches tonight (the first one should be set aside because it has the wrong quantity of**

material for the experiment we are trying). So the 4 batches after the first one will be extruded and then calcined. STOP making batches after these are completed.

**Sampling requirements:**

**Mixer:** MUST be checked before dropping - then get a sample of the wet mix and seal it up so it stays wet.

**Dryer:** Every batch off the dryer must be sampled.

**Calciner:** Run empty before feeding this material, then using the same temp setpoints as before start calcining it. Get a SA on the material off the calciner about 20 minutes after it first exits the calciner. Adjust the temps to get SA in spec or call Bodmann for advice. SAMPLE off the calciner BEFORE spiral once per hour. Sample off the BAG if possible as well (or at least every bag change).

Submit all samples to lab.

Call Bodmann if you have questions.

Priorities 1 through 8 are basically all the same priority, should be considered urgent and will require call outs for maint issues and/or processing issues.

- 1) Reduction Tower Screeners
- 2) Reduction Towers
- 3) #3 Line/#3RC
- 4) West Pfaudler/National Dryer/#4RC
- 5) #1 Line/#1 RC
- 6) #2 Line/#2RC
- 7) #5 RC
- 8) Horne Tabletting
- 9) Clean up East Pfaudler/HC-11 Dryer/Calciner